

## CLAIM AMENDMENTS

1-3 Withdrawn.

4. (Original). A bar set preform for a refiner filling having a selected pumping angle, the preform comprising a perimeter outline defining a parallelogram, the side edges of the parallelogram offset by a value equal to the pumping angle, an array of blades and spacers arranged alternately to substantially fill the area of the parallelogram, the blades and spacers affixed to each other, and a cut line across the parallelogram for dividing the bar set into two pieces with each piece having an edge corresponding to the pumping angle.

5. (Original). A bar set preform as defined in claim 4 in which the blades are prenotched along the cut line.

6. (Original). A bar set preform as defined in claim 5 in which the inner end of each blade is tapered.

7. Withdrawn.

8. (Original). A bar set cluster for a refiner filling having a radius, outer and inner perimeters and a selected pumping angle, the cluster margins being defined by spaced side edges lying along the pumping angle, an outer margin defined by a chord of the outer perimeter between spaced side edges, and an inner margin defined by a line parallel to the chord and intersecting both the inner perimeter and one side edge, and an array of blades and spacers occupying substantially the entire area defined by the cluster margins, and each blade lying along the pumping angle.

9-10 (Cancelled).

11. (New). Blades and spacers for a refiner filling comprising at least one of a first blade of predetermined length having a tapered end, at least one of a second blade having said predetermined length and having an end notch defined by a tapered shoulder, at least one of a third blade having said predetermined length and having a center notch defined by tapered shoulders, a spacer placed between adjacent blades defining a groove between the blades, the end notch of the second blade and the center notch of the third blade intersecting with a cutting line along which the blades and spacers are cut so that each blade segment has a tapered end.